What is claimed is:

- 1. A light emitting apparatus, comprising:
- a plurality of surface mount device type light emitting
- 3 diode elements;
- 4 a circuit board on which the plurality of surface mount
- 5 device type light emitting diode elements are mounted; and
- 6 a plurality of convex lenses each of which covers the light
- 7 extraction side of corresponding one of the plurality of surface
- 8 mount device type light emitting diode elements;
- 9 wherein the lens optical axis of at least one of the
- 10 plurality of convex lenses does not coincide with an axis that
- 11 passes through the center of corresponding one of the plurality
- 12 of surface mount device type light emitting diode elements and
- 13 is perpendicular to the circuit board.
 - 2. A light emitting apparatus, comprising:
- 2 a plurality of surface mount device type light emitting
- 3 diode elements;
- a circuit board on which the plurality of surface mount
- 5 device type light emitting diode elements are mounted; and
- 6 a plurality of convex lenses each of which covers the light
- 7 extraction side of corresponding one of the plurality of surface
- 8 mount device type light emitting diode elements;
- 9 wherein: lines to connect between centers of the
- 10 plurality of surface mount device type light emitting diode
- 11 elements define a virtual convex polygon; the lens apex of at
- 12 least one of the plurality of convex lenses is located further
- 13 than the position just over the corresponding light emitting

· 21

- 14 diode element when viewing from the gravity point of the virtual
- 15 convex polygon; and the lens optical axis is located on a plane
- 16 that is defined by the optical axis of corresponding light
- 17 emitting diode element and a straight line perpendicular to the
- 18 circuit board and passing through the gravity point of the
- 19 virtual convex polygon, and intersects with the straight line.
 - 3. A light emitting apparatus, comprising:
 - 2 a plurality of surface mount device type light emitting
 - 3 diode elements;
 - a circuit board on which the plurality of surface mount
 - 5 device type light emitting diode elements are mounted; and
 - 6 a plurality of convex lenses each of which covers the light
 - 7 extraction side of corresponding one of the plurality of surface
 - 8 mount device type light emitting diode elements;
 - 9 wherein: lines to connect between centers of the
- 10 plurality of surface mount device type light emitting diode
- 11 elements define a virtual convex polygon; the lens apex of the
- 12 plurality of convex lenses is located further than the position
- 13 just over the corresponding light emitting diode element when
- 14 viewing from the gravity point of the virtual convex polygon;
- 15 and the lens optical axis is not parallel to and does not
- 16 intersect with a straight line perpendicular to the circuit
- 17 `board and passing through the gravity point of the virtual
- 18 convex polygon.
 - 4. The light emitting apparatus according to claim 2,
 - 2 wherein:
 - 3 the optical axes of the plurality of convex lenses

22

- 4 intersect with each other at one point on the straight line
- 5 perpendicular to the circuit board and passing through the
- 6 gravity point of the virtual convex polygon.
- 5. The light emitting apparatus according to claim 2,
- 2 wherein:
- 3 the virtual convex polygon is a regular polygon.
- 6. The light emitting apparatus according to claim 2,
- 2 wherein:
- 3 the virtual convex polygon is a regular triangle.
- 7. The light emitting apparatus according to claim 1,
- 2 wherein:
- 3 the plurality of convex lenses are integrated in
- 4 construction.
- 8. The light emitting apparatus according to claim 1,
- 2 wherein:
- 3 each of the plurality of convex lenses has a convex surface
- 4 on the side of corresponding surface mount type light emitting
- 5 diode element.
- 9. The light emitting apparatus according to claim 7,
- 2 wherein:
- 3 the plurality of convex lenses includes a common boundary
- 4 region that has a flat surface on the light extraction side.
- 1 10. The light emitting apparatus according to claim 1,

- 2 further comprising:
- 3 a reflector that is disposed to surround the plurality
- 4 of convex lenses.